

ABSTRACT OF THE DISCLOSURE

The plant consists of an Archimedes screw in where the water arrives and into which arrive the working waste such us tomato-peel, seeds, molds and impurities that then gravitationally arrive into a cyclone with water where a first separation is actuated such as the tomato-peels float and stay on the surface whereas the other waster precipitate on the bottom. Actuated the peel/water separation, through a separation filter said peels arrive to a second separation filter, to a slanting collecting line and to a compacting device. Then the peels arrive to a collecting tank where are mixed with the juice of the tomato to arrive then, peels and juice, to a first disintegrator device, to a second disintegrator device, to a collecting tank to a transferring pump and at the end to a de-aerator that, eliminated air, sends the product to the homogenizer and at the end to a concentrator.